



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
PACIFIC OCEAN DIVISION, CORPS OF ENGINEERS
FORT SHAFTER, HAWAII 96858-5440

CEPOD-EM (500- 4c)

24 September 2003

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Memorandum of Instruction (MOI) for the Anchorage Catastrophic Earthquake Command Post Exercise (CPX)

1. REFERENCES.

- a. Federal Response Plan, dated 16 June 1999
 - b. National Incident Management System, (Initial System) Final Draft, dated 18 July 2003
 - c. US Army Corps of Engineers Anchorage Earthquake Catastrophic Disaster Response Plan, DRAFT
 - d. Emergency Support Function -3 Handbook, dated 29 May, 2003
 - e. US Army Corps of Engineers ESF#3 Field Guide Supplement – All Hazard Contingency Plan, October 2003
2. PURPOSE. This Memorandum of Instruction (MOI) provides coordination information for the Anchorage Catastrophic Earthquake Command Post Exercise (CPX).

3. GENERAL.

a. The intent of the Anchorage Earthquake CPX is to provide an exercise for agencies to prepare for a response to a catastrophic earthquake in Alaska. These efforts will better prepare our response community for a major earthquake. Set in sub-freezing temperatures this CPX will be based upon a 7.5 magnitude shallow crustal earthquake in the Anchorage area.

b. Participants include the following:

- ?? Federal Emergency Management Agency (FEMA)
 - o Emergency Support Function teams (ESFs)
 - o US Department of Interior (DoI)
- ?? Department of Defense (DoD)
 - o US Northern Command (NORTHCOM)
 - o US Pacific Command (PACOM)
 - o ~~US~~ Pacific Area Regional Office (PARO)

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- Alaska Command (ALCOM)
 - ~~///~~ Elmendorf Air Force Base
 - ~~///~~ Fort Richardson
- US Army Corps of Engineers (USACE)
 - ~~///~~ HQ USACE
 - ~~///~~ Pacific Ocean Division (POD)
 - ?? Alaska District (POA)
 - ?? Honolulu District (POH)
 - ?? Northwest Division (NWD)
- ?? State of Alaska
- ?? Matanuska-Sustina Borough
- ?? Municipality of Anchorage
- ?? Private Industry

c. The following are the major time line of events:

- ?? 8 October Alaska Regional Interagency Steering Committee (RISC) meeting
- ?? 15 October CPX Walk-through (USACE Only)
- ?? 5 November ENGLink Training (USACE Only)
- ?? 17 November Communication Exercise
- ?? 18 November 0800-1200 CPX - 1st Play Period (Real Time)
- ?? 18 November 1200-1600 CPX -2nd Play Period (E + 4 hrs -72 hrs)
- ?? 19 November 0800-1600 CPX - 3rd Play Period (72 hrs - 10 Days)
- ?? 20 November 0900-1200 After Action Review

d. The CPX will be held during duty hours, 0800-1600 (Alaska Standard Time)

Alaska	Eastern	Pacific	Hawaiian
0700	1100	0800	0600
0800	1200	0900	0700
0900	1300	1000	0800
1000	1400	1100	0900
1100	1500	1200	1000
1200	1600	1300	1100
1300	1700	1400	1200
1400	1800	1500	1300
1500	1900	1600	1400
1600	2000	1700	1500
1700	2100	1800	1600

4. EXERCISE OBJECTIVES.

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- a. Improve awareness, preparations, and response to a catastrophic earthquake in the Anchorage area.
- b. Exercise and test coordination of efforts among the local, State and Federal Governments and the private sector to work effectively and efficiently.
- c. Prepare the U.S. Army Corps of Engineers, Pacific Ocean Division, and its Alaska and Honolulu Districts to respond to a catastrophic earthquake in the Anchorage area. The focus will be on USACE's ESF-3 role to FEMA and support to DoD installation response activities.
- e. Validate USACE's Catastrophic Disaster Response Plan for an Anchorage Earthquake and test Command and Control procedures, staff notification, and accountability of personnel.
- f. Test communications systems and exercise reporting and tracking systems in ENGLink.
- g. Capture lessons learned and improve Division's/District's plans and procedures.

5. EXERCISE CONCEPT.

- a. The CPX will exercise participants located in multiple nodes. The following are the locations of CPX Exercise Nodes:

?? Municipality of Anchorage EOC	Anchorage Alaska
?? Matanuska-Susitna Borough EOC	Wasilla, Alaska
?? State of Alaska Emergency Coordination Center (SECC)	Camp Denali, Alaska
?? FEMA X Regional Operations Center (ROC)	Bothell, Washington
?? Initial Operating Facility & Disaster Field Office	Camp Denali, Alaska
?? ALCOM Joint Operations Center	Elmendorf AFB
?? Elmendorf AFB Installation Operations Center	Elmendorf AFB
?? Fort Richardson Installation Operations Center	Ft. Richardson
?? NORTHCOM	Elmendorf AFB
?? Pacific Ocean Division	Fort Shafter, Hawaii
?? Alaska District	Elmendorf AFB
?? Honolulu District	Fort Shafter, Hawaii
?? USACE, Northwest Division Staging Area	Seattle, Washington

- b. Using a Master Scenario Events List (MSEL) exercise controllers (USACE and organizations) will inject exercise information and issues in a prescribed manner at the designated times.
- c. Inputs for exercise play will utilize simulated newscasts (DVD), e-mail, phone calls, radio and other forms of communication.
- d. Organizations will process all MSELs through their own chain of command and established coordination procedures.

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- e. Exercise controllers are responsible for exercise flow and will provide guidance and recommendations, as required.

6. SCENARIO.

a. A 7.5 shallow crustal earthquake will occur in the Anchorage area at 0755 hrs on 18 November 2003. There will be significant damage occurring in the Municipality of Anchorage and the Matanuska-Susitna Borough.

b. The Earthquake will result in:

- ?? Multiple deaths, injuries and victims trapped in collapsed structures
- ?? Loss of power
- ?? Disruption of phone service (landline and cellular)
- ?? Damage to utility systems (electrical, fuel/oil, communications, wastewater, natural gas)
- ?? Damage to structures (buildings, bridges, highways, rail, airport)
- ?? Landslides
- ?? Generation of large amounts of debris
- ?? Displaced personnel
- ?? Multiple structural fires
- ?? Disruption of natural gas

c. This catastrophic earthquake will overwhelm local and state governmental resources as well as Military Installation resources. The Federal Government will be requested to provide immediate and sustained assistance to save lives and minimize human suffering.

7. TASKS AND RESPONSIBILITIES.

a. All participating organizations will:

- ?? Designate POCs for coordination (See attached questionnaire)
- ?? Participate in planning, coordination, and conference calls as requested.
- ?? Provide input to the Master Scenario Events List (MSEL).
- ?? Designate an exercise controller for your organization. (See attached questionnaire)
- ?? Complete CPX Participation Questionnaire and return via e-mail.
- ?? Provide Lessons Learned comments.

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b. USACE organizations will adhere to instructions of OPORD 03-01 Dtd 26 September 2003

8. POINT OF CONTACT. For additional information, contact Ken Suiso, 808-438-8368 ken.k.suiso@usace.army.mil or MAJ Amy Trombley, 808-438-1017, amy.j.trombley.maj@usace.army.mil

/s/

TERRY R. YOUNGBLUTH
COL, EN
Acting Commander

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Mayor of Anchorage, Alaska